

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"5125818".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:31
S2	2	"5723159".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:32
S3	0	non\$1round and spinnerete and plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:34
S4	211	non\$1round and spinneret and plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:34
S5	3	"20010055682"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:41
S6	4	"2003049988"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:43
S7	5	"03016606"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:44
S8	3	"20030049988"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:44
S9	5	"3109195".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/22 15:46

S10	401	425/131.5.ccls. not 425/461.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:05
S11	1418	425/461.ccls. not 425/131.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:05
S12	1819	S10 S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:05
S13	61	spinneret and plate and non-round and trilobal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:32
S16	13	("3457341").URPN.	USPAT	OR	ON	2009/01/23 10:34
S17	5	spinneret and plate and non-round and trilobal and offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:34
S18	8	spinneret and trilobal and (row same1 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:35
S19	0	"10534451"	USPAT	OR	ON	2009/01/23 10:46
S20	1	"10534451"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:46
S22	316	425/378.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:49
S23	731	425/379.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:49

S25	1173	425/382R.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:50
S26	506	425/382.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:50
S27	1097	425/72.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:51
S28	3387	S22 S23 S25 S26 S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 10:52
S29	401	425/131.5.ccls. not 425/461.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S30	1418	425/461.ccls. not 425/131.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S31	1819	S29 S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S32	316	425/378.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S33	731	425/379.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S34	1173	425/382R.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19

S35	506	425/382.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S36	1097	425/72.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S37	3387	S32 S33 S34 S35 S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S38	1445	((S31 or S37) and ((zone or area or row or region) same1 (gap or distance or space or spacing)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:19
S39	23	((S31 or S37) and ((zone or area or row or region) same1 (gap or distance or space or spacing))) and (trilobl or non\$1round or multiarm\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:21
S40	47	((S31 or S37) and ((zone or area or row or region) same1 (gap or distance or space or spacing))) and (trilobl or non\$1round or multiarm\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:22
S41	35	((S31 or S37) and ((zone or row or region) same1 (gap or distance or space or spacing))) and (trilobl or non\$1round or multiarm\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:30
S42	1036	((S31 or S37) and ((zone or row or region) same1 (gap or distance or space or spacing)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:30
S43	25	((S31 or S37) and ((zone or row or region) same1 (gap or distance or space or spacing))) and (trilobl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:31

S44	326	(S31 or S37) and ((zone or row or region) same1 (gap or distance or space or spacing)) and (orientation or oriented)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:33
S45	148	(S31 or S37) and ((zone or row or region) same1 (gap or distance or space or spacing)) and (orientation or oriented) and (spinnerete or spinneret)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:33
S46	2	"5125818".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 12:45
S47	54	("3188689"   "3357048"   "3405424"   "3493459"   "3528128"   "3555600"   "3568249"   "3814561"   "3924988"   "4357290"   "4408977"   "4648830"   "4743189"   "4836763"   "4941812").PN. OR ("5125818").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/23 12:45
S48	10	S47 and row	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/23 12:53
S51	0	(spinneret or spinnerete) and trilobal and ("sole.xp" or "sole.xa")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:09
S52	0	(spinneret or spinnerete) and trilobal and ("delsole.xp" or "delsole.xa")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:09
S53	0	("delsole.xp" or "delsole.xa")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:10

S54	0	("del\$sole.xp" or "del \$sole.xa")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:10
S55	0	("del\$sole.xp." or "del \$sole.xa.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:10
S56	0	("delsole.xp." or "delsole.xa.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:10
S57	0	("sole.xp." or "sole.xa.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:11
S58	0	("del.xp." or "del.xa.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:11
S59	0	("timothy.xp." or "timothy.xa.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:11
S60	1	(del\$sole.xp. or del \$sole.xa.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:12
S61	1	(delsole.xp. or delsole.xa.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:12
S62	741	(del.xp. or del.xa.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:13
S63	1	(del.xp. or del.xa.) and trilobal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:14

S64	4	("4221755"   "5154908"   "5432002"   "6673442").PN. OR ("7165963").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/23 14:14
S65	1	(del.xp. or del.xa. or "delsole.xp" or "delsole.xa" or "del sole".xa. or "del sole".xp.) and trilobal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:15
S66	50	(del.xp. or del.xa. or "delsole.xp" or "delsole.xa" or "del sole".xa. or "del sole".xp.) and spinneret	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:15
S67	36	("2999296"   "3313000"   "3323168"   "3387327"   "3405424"   "3600491"   "3635641"   "3745061"   "3772137"   "3920876"   "3924988"   "3938925"   "4056597"   "4408977"   "4444710"   "4548866"   "4551378"   "5330348"   "5356582"   "5407625"   "5458971"   "5510183"   "5531951"   "5585182"   "5593629"   "5601918"   "5614296"   "5723215"   "5997980").PN. OR ("6746230").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/23 14:17
S68	9	("3716317"   "4376743"   "4411852"   "5256050"   "5393219"   "5505889"   "5624754"   "5654097"   "5773144").PN. OR ("6554599").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/23 14:19
S69	248152	(spinneret or die) and (brace or support)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:24
S70	447	(spinneret or die) and (brace or support) and trilobal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:24

S71	242	(spinneret or die) and (brace or support) and trilobal and plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:27
S72	96	spinneret and "180" and degrees and (orientation or oriented) and trilobal and hole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:32
S73	19	("3705226"   "3718534"   "4350006"   "4381274"   "4381335"   "4496619"   "4627950"   "4663221"   "4840846"   "4999243"   "5366804"   "5458972"   "5549957"   "5948528").PN. OR ("6465094").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/23 14:34
S74	54	("3718534").URPN.	USPAT	OR	ON	2009/01/23 14:36
S75	3	"20010055682"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 14:47
S76	1508	spinneret and "180" and degrees and (orientation or oriented)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:00
S77	195	spinneret and ("180" adj2 degrees) and (orientation or oriented)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:01
S78	59945	spinneret and holes ("180" adj2 degrees) and (orientation or oriented)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:01
S79	118	spinneret and holes and ("180" adj2 degrees) and (orientation or oriented)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:01



S80	14	spinneret and holes and (("180" adj2 degrees) same (orientation or oriented))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:03
S81	0	JP2191705	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:14
S82	15	"2191705"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:15
S83	0	"19890297765"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:15
S84	0	"1989297765"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:15
S85	4	"02191705"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:15
S86	8216	spinneret	JPO; DERWENT	OR	ON	2009/01/23 15:25
S87	263	spinneret and orientation	JPO; DERWENT	OR	ON	2009/01/23 15:25
S88	13	spinneret and orientation and "180"	JPO; DERWENT	OR	ON	2009/01/23 15:25
S89	0	spinneret and orientation and "180"	FPRS; EPO	OR	ON	2009/01/23 15:26
S90	0	"4812361".pn.	FPRS; EPO	OR	ON	2009/01/23 15:28
S91	2	"4812361".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/23 15:28

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